



# **Functional Independence Mathematics**

**Official Released Items**

## **Grade 6**

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**Fall 2006  
Official Released Items**

**MICHIGAN STATE BOARD OF EDUCATION  
STATEMENT OF ASSURANCE OF COMPLIANCE WITH FEDERAL LAW**

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*The Grade 6 Functional Independence Mathematics Assessment* was administered for the first time in Fall 2005. Beginning with this administration, the Office of Educational Assessment and Accountability (OEAA) will annually release a portion of the items that are administered on the assessment. This booklet contains released items from the Fall 2006 administration and is intended to be used by districts to assist in their interpretation of item analysis data. The information contained in this booklet may also be used by schools, teachers, and parents as a resource for understanding the content and format of the assessment items. In addition to MI-Access training materials and Extended Grade Level Content Expectations (EGLCE), the released items may also have utility in informing decisions related to instruction, curriculum, and assessment. These items are **not** secure and may be copied and distributed as needed.

The table below lists the number of core and released items administered on the Fall 2006 Grade 6 assessment booklet. Core items are those that count toward students' scores. All released items in this booklet were selected from the pool of core items that appeared on the assessment.

**Functional Independence Mathematics Grade 6**

<b>Mathematics Strand</b>	<b>Number of Core Items</b>
Numbers and Operations	18
Measurement	12
Geometry	2
Data Analysis	3
<b>Total Core Items/Points</b>	<b>35</b>
<b>Released Items</b>	<b>10</b> <b>(Numbers vary by strand and topic.)</b>

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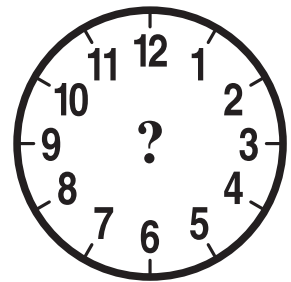
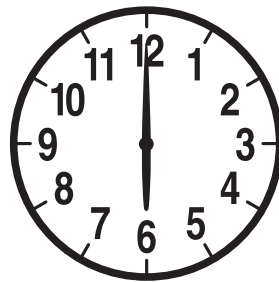
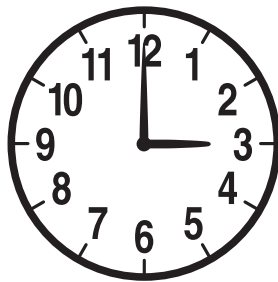
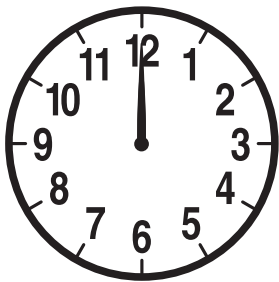
**DIRECTIONS:** Read each question. Choose the **BEST** answer for each question.

**R1** Which of these units is used to measure how heavy something is?

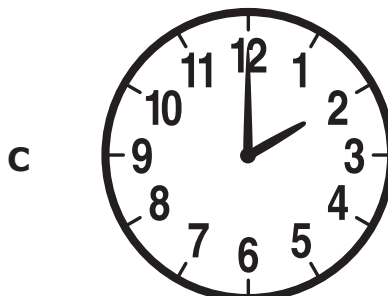
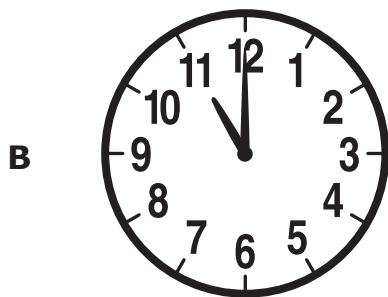
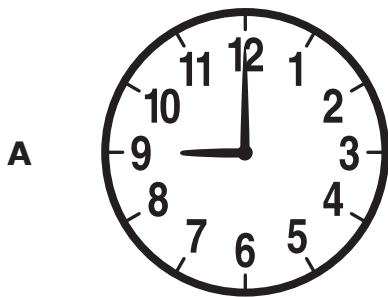
- A** feet
- B** seconds
- C** pounds

90012005

Use the clocks below to answer question **R2**.



**R2** Which clock comes **next** in the pattern?



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**R3** Lou wants to buy a book for \$7 and paper for \$3.

How much money will Lou spend?

**A** \$4

**B** \$10

**C** \$21

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**R4** You need to wear your hat, gloves, and winter coat outside to stay warm.

What might the temperature be outside?

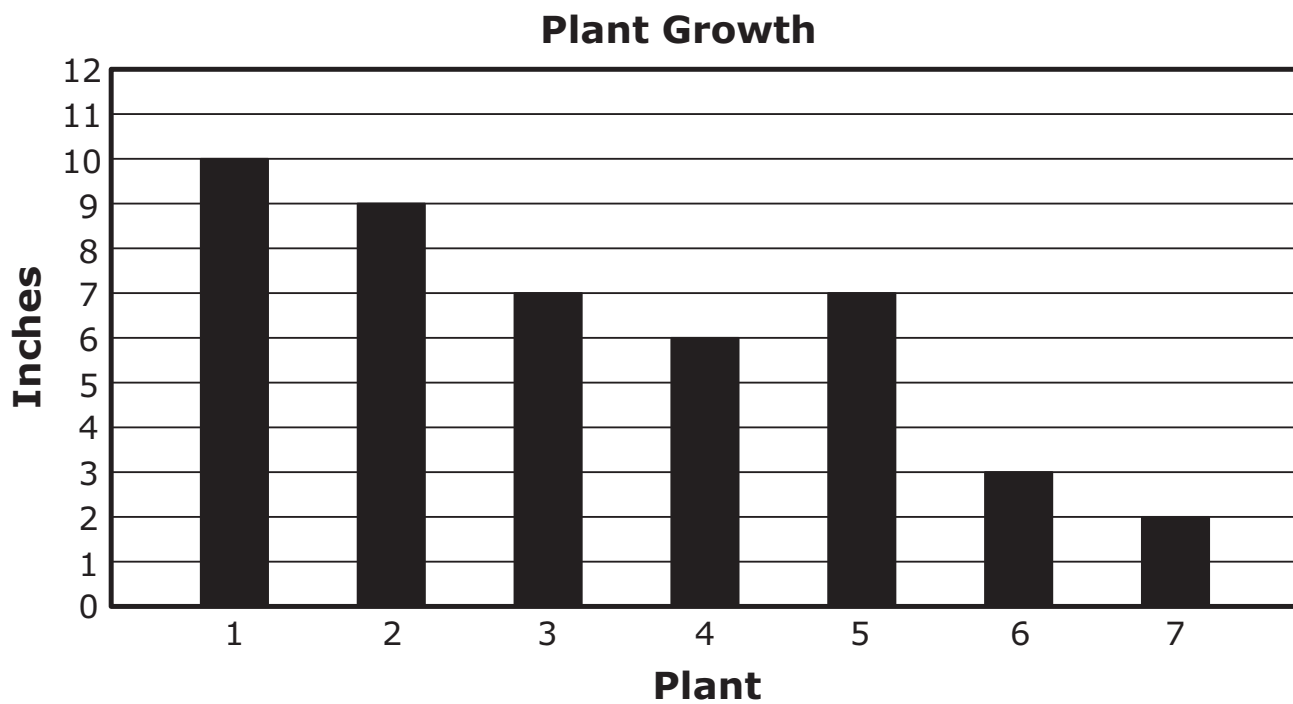
**A** 28°F

**B** 74°F

**C** 92°F

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**R5** The bar graph shows the growth of 7 plants.



How many of the plants grew **more** than 5 inches?

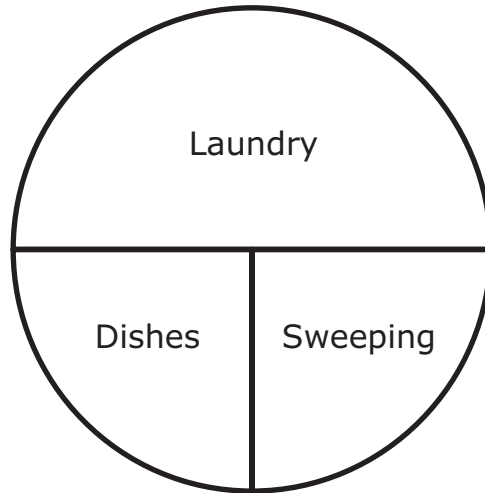
**A** 5

**B** 6

**C** 7

- R6** The circle graph shows how much time Jerome spent on his chores.

**Jerome's Chores**



Which chore took the **most** time?

- A** Dishes
- B** Laundry
- C** Sweeping

90013011

Use the key below to answer question **R7**.

<b>Key</b>	
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<div style="display: inline-block; border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div>	shows 1


**R7** Which of the following matches the number of blocks shown?

**A**     $30 + 6$

**B**     $10 + 6$

**C**     $3 + 6$



Use the key below to answer question **R8**.

Key											
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**R8** How many blocks are shown?

**A** 34

**B** 43

**C** 70

**R9** There are 9 boys and 7 girls in Chuck's class.

How many students are there **altogether**?

**A** 14

**B** 16

**C** 18

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**R10** There are 7 students in Mrs. Allan's class and 13 students in Mr. Greer's class.

How many students are there **altogether**?

**A** 20

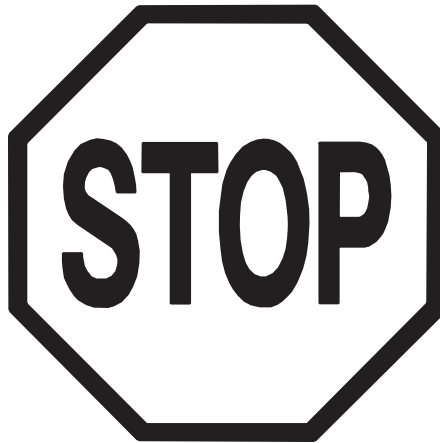
**B** 13

**C** 6

90015011



**Do Not Continue.**



**Do not continue until instructed to do so.**

Below is a list of the Extended Grade Level Content Expectations (EGLCE) for each released item found in this booklet. The chart contains the EGLCE code, a brief description of what is measured, and the correct answer for each released item.

Because the assessment was administered during the **fall** of the school year, only content from the *previous* grade level was measured on the assessment. For example, items eligible for the Grade 6 assessment will measure the Grade 5 EGLCE.

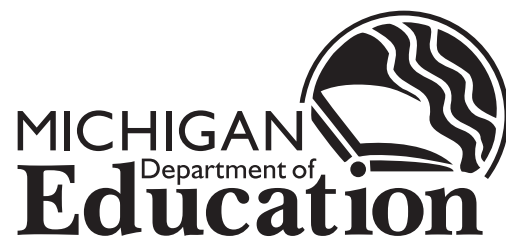
Full descriptions of the EGLCE contained in the chart below are available for review and download at **[www.mi.gov/mi-access](http://www.mi.gov/mi-access)**.

Released Item number	EGLCE Code	STRAND or Abbreviated Extended GLCE Descriptor	Answer Key
		<b>DATA AND PROBABILITY</b>	
R5	D.RE.05.EG01	Read data	A
R6	D.RE.05.EG01	Read data	B
		<b>MEASUREMENT</b>	
R1	M.UN.05.EG02	Select appropriate units of measure	C
R2	M.PS.05.EG08	Solve one-stop word problems	A
R3	M.PS.05.EG12	Add and subtract money in dollars and cents	B
R4	M.UN.05.EG04	Approximate temperature	A
		<b>NUMBERS AND OPERATIONS</b>	
R7	N.ME.05.EG03	Represent whole numbers to 10,000	A
R8	M.ME.05.EG03	Represent whole numbers to 10,000	B
R9	N.FL.05.EG12	Add and subtract two numbers with 1 or 2 digits	B
R10	N.FL.05.EG12	Add and subtract two numbers with 1 or 2 digits	A









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